

Project Implementation

The construction of the CNF would represent a major undertaking for AECL and Canadian private sector companies. It is estimated that more than 90 per cent of the scope of the CNF project could be supplied by Canadian firms. Expertise is available within AECL and the Canadian nuclear industry to undertake projects of this complexity and magnitude. NRC will coordinate its implementation activities to be consistent with AECL, and has access to experienced personnel, including Project Management resources.

AECL, in particular, has managed, or is managing, nuclear power projects in Argentina, China, Korea and Romania,

and has extensive project management and engineering expertise from similar projects in Canada and in other foreign countries. AECL has designed and constructed seventeen research reactors; for example, NRX, NRU, WR-1 and the SLOWPOKE series. These all were built largely with Canadian resources. AECL has also supplied the reactor assembly, associated equipment and services for HANARO (the Korean research reactor) on a fully commercial basis, and is presently constructing two MAPLE reactors under the MMIR project at Chalk River Laboratories, on behalf of MDS Nordion.

As with earlier CANDU power reactor projects, Canadian companies will supply a major percentage of the CNF project scope.

